

REMARKS

The foregoing amendments and the following remarks are responsive to the office action dated October 24, 2002. Reconsideration of the present application is respectfully requested.

Claims 1, 2, 7, 12, 16, 23-37, and 39 have been amended. Claims 1-46 remain pending. New claims 47-55 have been added. No new matter has been added.

Claim 18 has been objected to due to informalities. The objection states "In claim 37, 'A wireless communication device as described in claim 30' should be changed to 'A wireless communication device as described in claim 36'". Applicants respectfully believe the Examiner's informality objection is intended to be directed toward claim 37, which has been amended to conform to overcome the objection.

Claims 1-4, 7, 12-14, 16-18, 23-25, 28, 33-36, 39, and 44-46 stand rejected under 35 U.S.C. §102(e) as being anticipated by Ishikawa et al., "Mobile Paging Telephone With An Automatic Call Back Function" (US Patent Number 6,466,782).

Ishikawa discloses a mobile phone capable of receiving a paging message, recognizing a caller ID, and in response to the page message, automatically transmitting a selected callback message to a callback number (see Ishikawa Abstract, col. 3, lines 42-67, col. 4, lines 1-54, and figures 1, 5, 6, and 7).

Claim 1 as amended recites:

A method for operating a wireless communication device having a display screen, comprising:
 identifying a string entity within a message entity;
 automatically identifying a predetermined class to which the string entity belongs, *from a plurality of predetermined classes*;
 automatically finding a contact identifier associated with the string entity and the predetermined class; and
 displaying descriptive information relating to the found contact identifier on the display screen.
(Emphasis added).

Ishikawa does not disclose or suggest such a method. Ishikawa discloses finding a callback number associated with a caller ID. However, Ishikawa's disclosure of recognizing a caller ID does not teach or suggest *automatically identifying a predetermined class* to which the string entity belongs, *from a plurality of predetermined classes*. Additionally, Ishikawa does not teach or suggest automatically finding *a contact identifier associated with the string entity and the predetermined class*. Therefore, claim 1 and all claims which depend on it are patentable over Ishikawa.

Independent claims 23 and 35 as amended include limitations similar to those in claim 1 discussed above. Therefore, those claims and all claims which depend on them are patentable over Ishikawa for similar reasons.

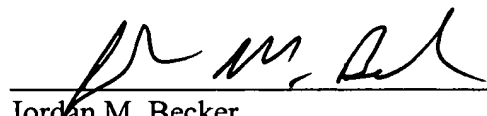
In view of the foregoing amendment and remarks, Applicants respectfully submit that all pending claims are in condition for allowance and such allowance is respectfully requested.

If there are any additional charges not covered by any checks submitted, please charge Deposit Account No. 02-2666.

Respectfully submitted,

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS:

1. (Amended) A method for operating a wireless communication device having a display screen [and a user interface], comprising:

identifying a string entity within a message entity;

automatically identifying a predetermined class to which the string entity belongs, from a plurality of predetermined classes;

automatically finding [contact identifiers belonging to predetermined classes within a message entity] a contact identifier associated with the string entity and the predetermined class;

and

displaying descriptive information relating to the found contact [identifiers] identifier on the display screen.

2. (Amended) A method as recited in claim 1, wherein the message entity is comprised of [the] a header and content of a text based message.

7. (Amended) A method as recited in claim 1, wherein the predetermined class is [classes of contact identifiers are] selected from a group consisting of electronic mail contact identifiers, Uniform Resource Indicators (URIs), phone number contact identifiers, facsimile number contact identifiers, pager number contact identifiers, SMS contact identifiers and user specified contact identifiers.

12. (Amended) A method as recited in claim 1, wherein the descriptive information relating to the found contact identifier [identifiers] includes a symbolic information indicator.

16. (Amended) A method as recited in claim 1, further comprising:

identifying a resource [resources] containing the found contact identifier [found contact identifiers]; and

retrieving the identified resource [resources].

23. (Amended) A [computer] machine readable medium [on which is encoded computer program code] having stored therein instructions for use in a wireless communication device having a display screen, the instructions [for providing a display on the display screen of the wireless communication device,] comprising:

instructions to identify a string entity within a message entity;

instructions to automatically identify a predetermined class to which the string entity belongs, from a plurality of predetermined classes;

instructions to find a contact identifier associated with the string entity and the predetermined class [computer program code for finding contact identifiers belonging to predetermined classes within a message entity]; and

instructions to generate [computer program code for generating] a screen display presentation relating to the found contact [identifiers belonging to] identifier associated with the predetermined class [classes].

24. (Amended) A [computer] machine readable medium as described in claim 23, further comprising:

instructions to display [computer program code for displaying] symbolic identifiers relating to the function of found contact [identifiers belonging to] identifier associated with the predetermined class [classes].

25. (Amended) A [computer] machine readable medium as described in claim 23, wherein the message entity is comprised of the headers and content associated with a designated message.

26. (Amended) A [computer] machine readable medium as described in claim 23, wherein the message entity is a markup language file.

27. (Amended) A [computer] machine readable medium as described in claim 26, wherein the markup language file is selected from a the group consisting of Handheld Device Markup Language (HDML), Wireless Markup Language (WML), Hypertext Markup Language (HTML), Compact Hypertext Markup Language (cHTML), and Extensible Markup Language (XML).

28. (Amended) A [computer] machine readable medium as described in claim 23, wherein the predetermined class is selected from the group consisting of email contact identifiers, Uniform Resource Indicators (URIs), phone number contact identifiers, facsimile number contact

identifiers, pager number contact identifiers, SMS contact identifiers and user specified contact identifiers.

29. (Amended) A [computer] machine readable medium as described in claim 28, wherein the user specified contact identifiers are field entries in a file stored in association with a unique identifier for the user of the wireless communication device.

30. (Amended) A [computer] machine readable medium as described in claim 29, wherein the file stored in association with a unique identifier for the user of the wireless communication device is selected from a group consisting of an address book, a calendar and a contact list.

31. (Amended) A [computer] machine readable medium as described in claim 28, wherein the user specified contact identifiers are field entries in a database stored on a remote server device.

32. (Amended) A [computer] machine readable medium as described in claim 31, wherein the database stored on the remote server device is a public commercial database.

33. (Amended) A [computer] machine readable medium as described in claim 28, wherein the screen display presentation includes symbolic information identifiers.

34. (Amended) A [computer] machine readable medium as described in claim 33, wherein the symbolic identifiers are icons.

35. (Amended) A wireless communication device having a display screen [and a user interface,] comprising:

- a storage device for storing a message entity [message entities];
- a memory for storing program code for a processor; and
- a processor coupled to the storage device and the memory, wherein the processor operates to execute the program code stored in the memory to identify a string entity within a message entity, automatically identify a predetermined class to which the string entity belongs from a plurality of predetermined classes, find [contact identifiers belonging to predetermined classes of contact identifiers in the message entities] a contact identifier associated with the string entity and the predetermined class stored on the storage device and display descriptive information on the display screen relating to the found contact identifier [identifiers].

36. (Amended) A wireless communication device as described in claim 35, wherein the message entity is [entities are] comprised of [the headers] a header and content associated with [designated text based messages] a text based message.

37. (Amended) A wireless communication device as described in claim [30] 36, wherein the text-based message is a markup language file [messages are markup language files].

39. (Amended) A wireless communication device as described in claim 35, wherein the predetermined class is [classes of contact identifiers are] selected from the group consisting of electronic mail contact identifiers, Uniform Resource Indicators (URIs), phone number contact identifiers, facsimile number contact identifiers, pager number contact identifiers, SMS contact identifiers and user specified contact identifiers.